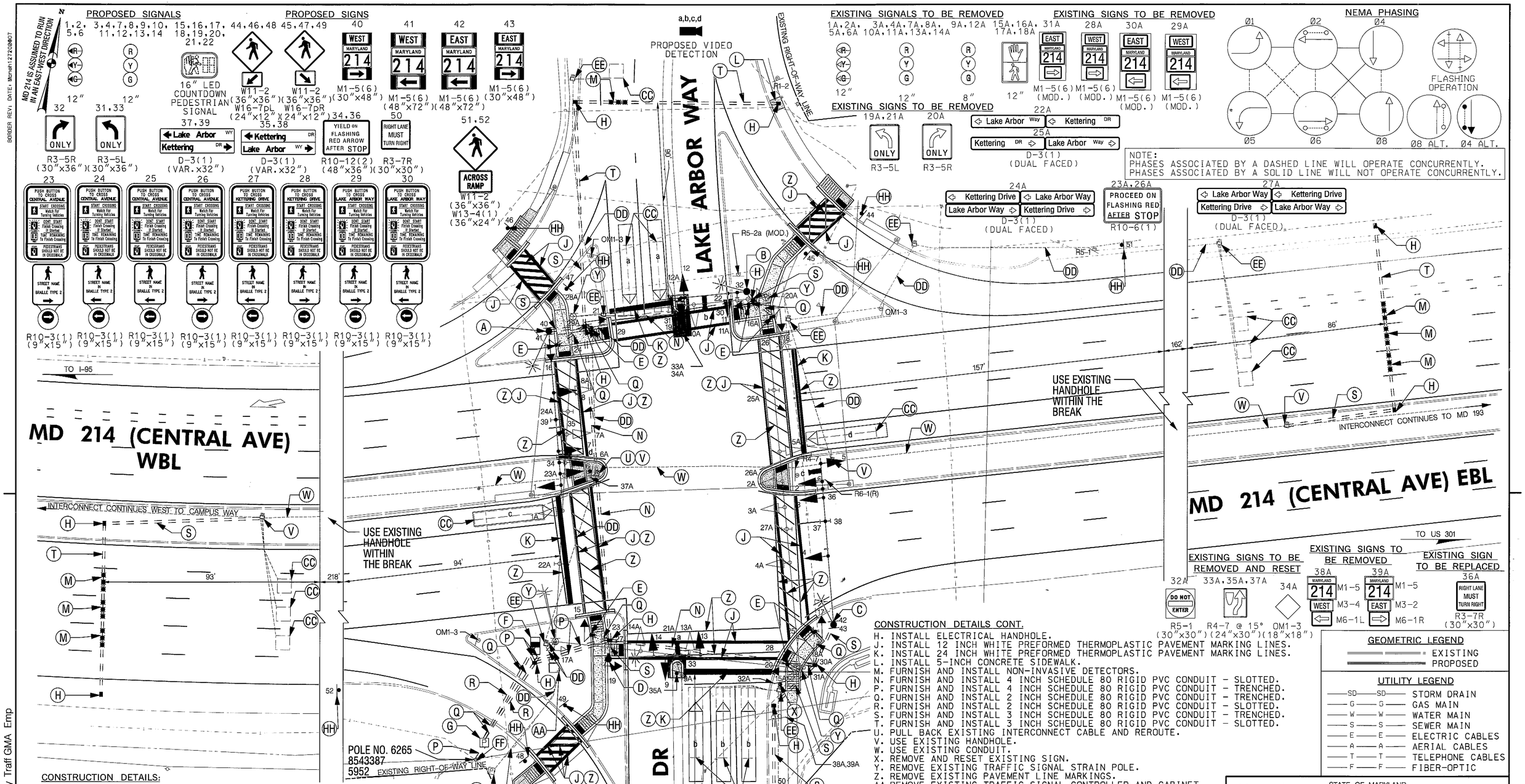

CONSTRUCTION DETAILS:

A. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT SIGNAL POLE, 70 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA, SIGNS, AND 15-FOOT LIGHTING ARM WITH LED HPS LUMINAIRE, (1-3" CONDUIT BEND).
B. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT SIGNAL POLE, 38 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA, SIGNS, AND 10-FOOT LIGHTING ARM WITH LED HPS LUMINAIRE (1-3" CONDUIT BEND).
C. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT SIGNAL POLE, 70-FOOT MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA, SIGNS, AND 10-FOOT LIGHTING ARM WITH LED HPS LUMINAIRE (1-3" CONDUIT BEND).
D. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT SIGNAL POLE, 38-FOOT MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, VIDEO DETECTION CAMERA, PUSH BUTTON, SIGNS, AND 10-FOOT LIGHTING ARM WITH LED HPS LUMINAIRE (1-3" CONDUIT BEND).
E. INSTALL AN 18"X36" CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (1-3" CONDUIT BEND) (STANDARD NO. MD 801.01-01).
F. INSTALL NEMA SIZE "S" BASE MOUNTED CABINET WITH UNINTERRUPTABLE POWER SUPPLY (2-4" AND 2-2" CONDUIT BENDS).
G. INSTALL EMBEDDED METERED SERVICE PEDESTAL.

CONSTRUCTION DETAILS CONT.

H. INSTALL ELECTRICAL HANDHOLE.
J. INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
K. INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
L. INSTALL 5-INCH CONCRETE SIDEWALK.
M. FURNISH AND INSTALL NON-INVASIVE DETECTORS.
N. FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
P. FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
Q. FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
R. FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
S. FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
T. FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
U. PULL BACK EXISTING INTERCONNECT CABLE AND REROUTE.
V. USE EXISTING HANDHOLE.
W. USE EXISTING CONDUIT.
X. REMOVE AND RESET EXISTING SIGN.
Y. REMOVE EXISTING TRAFFIC SIGNAL STRAIN POLE.
Z. REMOVE EXISTING PAVEMENT LINE MARKINGS.
AA. REMOVE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET.
BB. REMOVE EXISTING EMBEDDED METERED SERVICE PEDESTAL.
CC. ABANDON EXISTING LOOP DETECTOR.
DD. CAP AND ABANDON EXISTING CONDUIT.
EE. REMOVE EXISTING HANDHOLE.
FF. STUB OUT 4-INCH CONDUIT 1 FOOT ABOVE GROUND AT BASE OF POLE NO. 6265-8543387-5952.
GG. INSTALL GROUND MOUNTED SIGN ON 4"X4" WOOD POST.
HH. INSTALL GROUND MOUNTED SIGN ON 4"X6" WOOD POST.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 214 (CENTRAL AVENUE) AT
KETTERING DRIVE /LAKE ARBOR WAY
KETTERING, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 07/1986 CONTRACT NO. P-732-503-371 P

DESIGNED BY DAVE ANDREWS
DRAWN BY DAVE ANDREWS
CHECKED BY STEVE RENZI
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16021405.93
TIMS NO.
TOD NO.

TS NO. 1896D | DRAWING SG-1 OF 3 | SHEET NO. 1 OF 9

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
D TRAFFIC SIGNAL RECONSTRUCTION CONTRACT NO. XX1515185 05/2013 TIMS NO. L811
KCI
C.8-30-01 SHA NO. XX1085185 ASBUILT ADD INTERCONNECT AND MD ROUTE SIGNS
EMM
B.11-08-95 CHANGE E/P LTS TO EXCLUSIVE, AND F/LR ARROWS
DJD

PLOTTED: "09:44 AM on Monday, June 17, 2013"
FILE: M:\2009\(1009019.92)\drawings\pSG-P006_MD214.dgn

BY: John Borkowski Division: P068 Highway Traff GMA Emp
BORDER REV: DATE: Mamah12720&07
DRILL HOLES